SPATIAL PRICE SURVEY

YELLOWKNIFE-EDMONTON

JUNE 1982

BUREAU OF STATISTICS
GOVERNMENT OF THE NORTHWEST TERRITORIES
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Spatial Price Survey
Yellowknife-Edmonton, June 1982

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FOREWORD

During May and June 1982 the Bureau of Statistics, Government of the Northwest Territories in conjunction with the Economic Research and Planning Unit of the Government of Yukon conducted the third in a series of annual spatial price surveys in Yellowknife and Edmonton. The results of this survey are presented in the following report.

This survey was made possible through the co-operation and assistance of the business communities of Yellowknife and Edmonton and Consumers' Association of Edmonton. We would also like to acknowledge the assistance provided by Statistics Canada's Prices Division in the planning of this survey.

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SYMBOLS AND ABBREVIATIONS

- nil or zero

-- too small to be expressed.

% percent

r revised data.

YK - Yellowknife
EDM - Edmonton

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INTRODUCTION

During May and June 1982 the Bureau of Statistics undertook the third in a series of spatial price surveys in Yellowknife and Edmonton. The results of that survey are presented in this report. For comparison purposes information from the earlier surveys is also provided.

The June 1982 spatial price survey provides comparisons of average prices in Yellowknife and Edmonton incorporating almost 6500 price quotes for more than 300 consumer items distributed over the seven components of consumer expenditure identified in Statistics Canada's Consumer Price Index (CPI): food; housing; clothing; transportation; health and personal care; recreation, reading and education; and, tobacco and alcohol.

In this report price differences between Yellowknife and Edmonton are expressed as index numbers where the index value for Edmonton is set at 100. An index value x points higher (lower) than 100 indicates prices are x percent higher (lower) in Yellowknife than in Edmonton. Index numbers are provided for broad areas of consumer expenditure as well as for more specific commodity groupings. These numbers may be interpreted as how much more, or less, an Edmonton household would pay for such items if those goods and services were purchased at Yellowknife prices rather than at those prevailing in Edmonton.

Index values for June 1982 are calculated by combining price information for items included in the various commodity groupings. This averaging procedure reflects the importance of those items for Edmonton household budgets as determined from Statistics Canada's 1978 family expenditure survey. The relative importance of each commodity, or grouping of commodities, is referred to as its weight and is expressed as a percentage of total household expenditures at June 1982 prices for those consumer goods and services included in the survey.

Consumer items included in the Yellowknife-Edmonton spatial price survey represent about 90 percent of Edmonton household expenditure weights used for CPI purposes. Major exclusions for the spatial price survey are mortgage interest and depreciation on dwellings for which spatial price comparison methods have not yet been developed. Edmonton expenditure weights are used in the survey since the appropriate family expenditure information is not available for Yellowknife.

HIGHLIGHTS

For June 1982 consumer prices averaged 28 percent higher in Yellowknife compared to Edmonton. This means that goods and services purchased for $100 in Edmonton would cost approximately $128 at Yellowknife prices. The purchasing power of the Edmonton dollar in Yellowknife was thus about 78 cents.

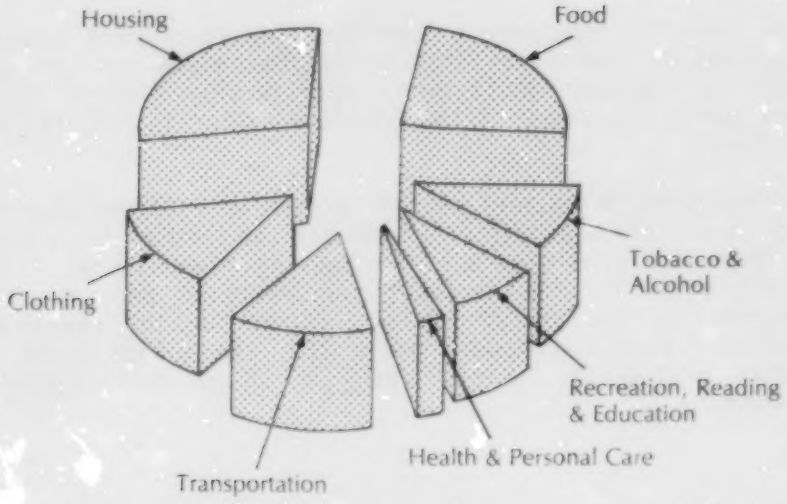
As indicated below, Yellowknife prices were higher than those in Edmonton for each of the major components of household expenditure. Price differences were greatest for housing expenditures (151) and for food (125) which together account for about 50 percent of the expenditure weights in the survey. Price indexes for the remaining components of consumer expenditure were below 120, the lowest being for clothing for which Yellowknife prices averaged 15 percent higher than those in Edmonton.

PRICE INDEXES AND WEIGHTS, by Major Component
Yellowknife, June 1982

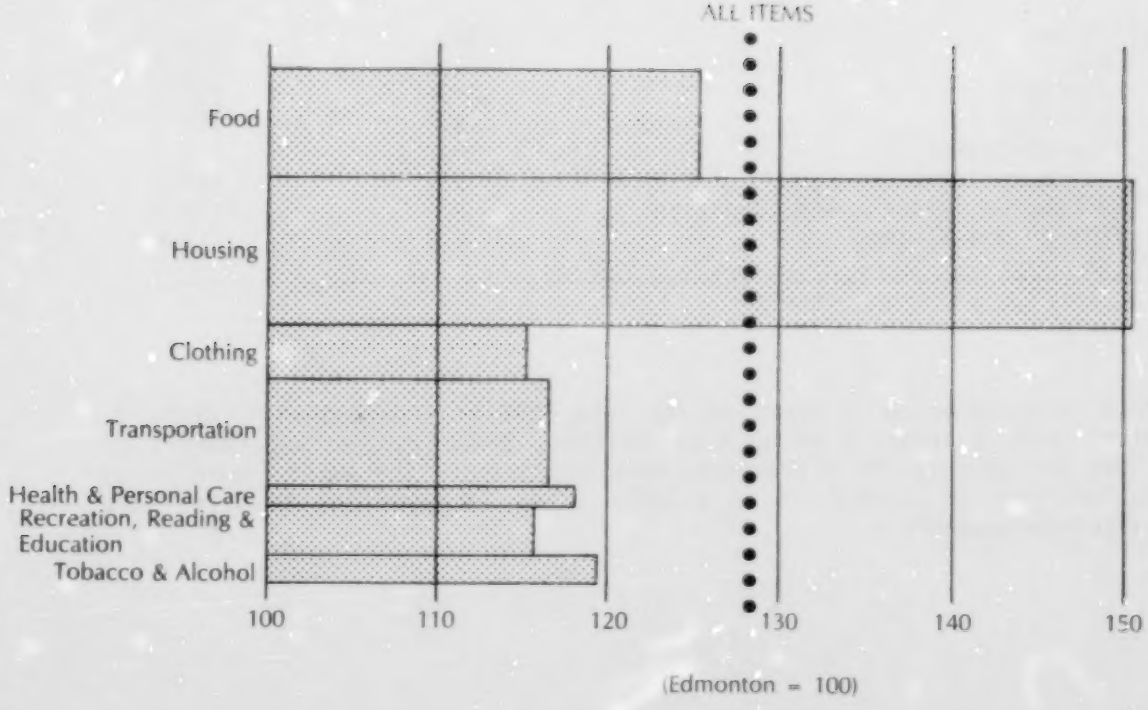
	Weight	Price Index
	(%)	(Edmonton = 100)
All Items	100.0	128.1
Food	21.8	125.0
Housing	28.6	150.5
Clothing	10.2	115.3
Transportation	20.2	116.7
Health and Personal Care	3.7	118.0
Recreation, Reading and Education	9.7	115.7
Tobacco and Alcohol	5.8	119.4

More detailed price information for June 1982 is provided in Appendix A, along with statistics on product matches, price quotes and numbers of items for which price differences were estimated. The survey methodology is outlined in Appendix D, and those items included in the survey are listed in Appendix E.

DISTRIBUTION OF WEIGHTS, by Major Component
Yellowknife, June 1982



PRICE INDEXES, by Major Component
Yellowknife, June 1982



PRICE INDEXES AND WEIGHTS, by Component
Yellowknife, June 1982

	Weight	Index
	(%)	(Edmonton = 100)
All Items	100.0	128.1
Food	21.8	125.0
Food Purchased from Stores	15.4	124.8
Meat, Poultry and Fish	4.8	122.5
Dairy Products and Eggs	2.7	134.2
Cereal and Bakery Products	1.8	114.2
Fruit and Vegetables	3.0	125.9
Fats and Oils	0.3	115.5
Prepared Main Dishes	0.3	119.1
Sugar and Confections	0.3	104.3
Coffee and Tea	0.4	108.7
Other Foods	1.8	135.7
Food Purchased from Restaurants	6.4	125.4
Housing	28.6	150.5
Shelter	12.5	128.1
Household Operation	9.3	209.5
Household Furnishings & Equipment	6.8	111.6
Clothing	10.2	115.3
Women's Wear	5.0	110.6
Girls' Wear	0.4	120.6
Men's Wear	3.4	107.7
Boys' Wear	0.3	110.0
Infants' Wear	0.2	110.5
Clothing Material	0.9	169.1
Transportation	20.2	116.7
Private Transportation	17.8	110.9
Public Transportation	2.4	158.4
Health and Personal Care	3.7	118.0
Health Care	1.3	122.0
Personal Care	2.4	115.8
Recreation, Reading and Education	9.7	115.7
Recreation	7.9	117.2
Reading and Education	1.8	108.9
Tobacco and Alcohol	5.8	119.4
Tobacco	1.2	118.3
Alcohol	4.6	119.7

COMPARISONS WITH THE JUNE 1980 AND JUNE 1981 SURVEYS

Spatial price indexes for June 1980, 1981 and 1982 are presented below at the major component level. More detailed price information for each survey is presented in Appendixes A, B and C.

SPATIAL PRICE INDEXES, by Major Component
Yellowknife, June 1980-82

	1982	1981r	1980r
	(Edmonton = 100)		
All Items	128.1	124.7	125.3
Food	125.0	120.3	121.3
Housing	150.5	139.8	137.8
Clothing	115.3	110.3	114.0
Transportation	116.7	119.3	123.4
Health and Personal Care	118.0	113.8	115.7
Recreation, Reading and Education	115.7	115.2	113.9
Tobacco and Alcohol	119.4	135.6	131.6

Care should be taken when comparing results for the three surveys. Over time the survey methodology has been refined, the basket of goods and services has been modified somewhat, and some changes have been made to the stores surveyed. In addition, the brands or models priced for items have varied between surveys, along with the weights for particular items. Nevertheless, the survey results are roughly comparable and trends can be observed.

APPENDIX A

SPATIAL PRICE SURVEY, JUNE 1982

PRICE INDEXES AND WEIGHTS, by Component
Yellowknife, June 1982

	Weight	Index
	(%)	(Edmonton = 100)
All Items	100.0	128.1
Food	21.8	125.0
Food Purchased from Stores	15.4	124.8
Meat, Poultry and Fish	4.8	122.5
Beef	2.0	123.9
Pork	1.1	118.5
Other Meats	0.6	129.5
Poultry	0.8	120.4
Fish	0.4	119.9
Dairy Products and Eggs	2.7	134.2
Dairy Products	2.4	136.5
Eggs	0.3	115.5
Cereal and Bakery Products	1.8	114.2
Cereal Products	0.6	119.6
Bakery Products	1.2	111.7
Fruit and Vegetables	3.0	125.9
Fresh Fruit	0.9	124.5
Processed Fruit	0.5	121.2
Fresh Vegetables	1.0	128.9
Processed Vegetables	0.5	127.9
Fats and Oils	0.3	115.5
Prepared Main Dishes	0.3	119.1
Sugar and Confections	0.3	104.3
Coffee and Tea	0.4	108.7
Other Foods	1.8	135.7
Food Purchased from Restaurants	6.4	125.4
Restaurant Meals	6.4	125.4

(cont'd.)

PRICE INDEXES AND WEIGHTS, by Component (cont'd.)
Yellowknife, June 1982

	Weight	Index
	(%)	(Edmonton = 100)
Housing	28.6	150.5
Shelter	12.5	128.1
Rented Accommodation	7.8	119.1
Owned Accommodation	4.7	142.9
Household Operation	9.3	209.5
Water, Fuel and Electricity	4.0	331.0
Communications	1.5	113.5
Household Services	1.1	122.9
Pet Care	0.4	135.6
Household Cleaning Supplies	0.9	120.8
Food Wrap	0.9	117.4
Garden Supplies	0.4	106.8
Other Household Supplies	0.3	113.8
Household Furnishings & Equipment	6.8	111.6
Furniture	2.3	113.5
Floor Coverings	0.2	114.7
Major Household Appliances	1.0	113.5
Small Electric Appliances	0.2	110.5
Non-Electric Kitchen Equipment	0.1	105.3
Tableware	0.4	116.4
Household Textiles	0.7	104.3
Tools and Outdoor Equipment	0.5	106.9
Other Household Furnishings	1.0	108.3
Service Repairs	0.4	120.4

(cont'd.)

PRICE INDEXES AND WEIGHTS, by Component (cont'd.)
Yellowknife, June 1982

	Weight	Index
	(%)	(Edmonton = 100)
Clothing	10.2	115.3
Women's Wear	5.0	110.6
Women's Coats	0.9	120.9
Women's Dresses	0.7	109.2
Women's Sportswear	1.0	104.9
Women's Hosiery and Lingerie	0.5	104.1
Women's Accessories	1.2	114.4
Women's Footwear	0.6	104.1
Girls' Wear	0.4	120.6
Girls' Coats	--	123.3
Girls' Dresses	--	161.9
Girls' Sportswear	0.1	113.2
Girls' Hosiery and Lingerie	0.1	118.4
Girls' Footwear	0.1	113.4
Men's Wear	3.4	107.7
Men's Coats	0.4	120.5
Men's Suits	0.6	93.6
Men's Pants	0.5	112.1
Men's Furnishings and Underwear	0.9	107.4
Men's Accessories	0.4	113.3
Men's Footwear	0.5	103.7
Boys' Wear	0.3	110.0
Boys' Coats	--	117.4
Boys' Suits and Pants	0.1	113.7
Boys' Furnishings and Underwear	0.1	124.9
Boys' Footwear	0.1	86.1
Infants' Wear	0.2	110.5
Infants' Wear	0.2	110.5
Clothing Material	0.9	169.1
Piece Goods	0.3	130.9
Clothing Services	0.7	185.3

(cont'd.)

PRICE INDEXES AND WEIGHTS, by Component (cont'd.)
Yellowknife, June 1982

	Weight	Index
	(%)	(Edmonton = 100)
Transportation	20.2	116.7
Private Transportation	17.8	110.9
Auto and Truck Purchase	8.2	101.8
Auto and Truck Operation	8.8	120.4
Other Vehicle Purchase	0.1	109.8
Other Vehicle Operation	0.4	100.0
Rented Vehicles	0.3	98.2
Public Transportation	2.4	158.4
Local Transportation	0.6	157.7
Inter-City Transportation	1.9	158.6
Health and Personal Care	3.7	118.0
Health Care	1.3	122.0
Eye Care	0.2	113.7
Dental Care	0.7	106.2
Medical Supplies	0.5	147.5
Personal Care	2.4	115.8
Personal Care Services	1.0	116.4
Personal Care Supplies	1.3	115.2
Personal Care Appliances	0.1	118.0

(cont'd.)

PRICE INDEXES AND WEIGHTS, by Component (cont'd.)
Yellowknife, June 1982

	Weight	Index
	(%)	(Edmonton = 100)
Recreation, Reading and Education	9.7	115.7
Recreation	7.9	117.2
Home Entertainment	1.4	132.1
Admission to Entertainment	0.8	106.3
Home Recreation Equipment	1.1	116.0
Outdoor Equipment	1.0	117.5
Fees for Activities	0.6	142.4
Travel Expenses	3.1	109.2
Reading and Education	1.8	108.9
Reading	0.8	100.0
Education	1.0	116.0
Tobacco and Alcohol	5.8	119.4
Tobacco	1.2	118.3
Cigarettes	1.1	117.3
Cigars	0.1	138.4
Alcohol	4.6	119.7
Beer-Store	1.0	124.6
Beer-Licenced Premises	0.6	110.1
Liquor-Store	1.4	114.4
Liquor-Licenced Premises	0.9	114.4
Wine-Store	0.5	137.7
Wine-Licenced Premises	0.2	150.5

ITEMS SURVEYED, by Availability of Price Information
Yellowknife - Edmonton, June 1982

	Items Surveyed	Prices Matched	Prices Imputed
All Items	343	317	26
Food	112	108	4
Food Purchased from Stores	107	103	4
Food Purchased from Restaurants	5	5	-
Housing	71	68	3
Shelter	6	6	-
Household Operation	30	28	2
Household Furnishings & Equipment	35	34	1
Clothing	81	66	15
Women's Wear	23	19	4
Girls' Wear	11	8	3
Men's Wear	23	21	2
Boys' Wear	11	8	3
Infants' Wear	4	2	2
Clothing Material	9	8	1
Transportation	18	18	-
Private Transportation	15	15	-
Public Transportation	3	3	-
Health and Personal Care	23	23	-
Health Care	6	6	-
Personal Care	17	17	-
Recreation, Reading and Education	30	26	4
Recreation	25	21	4
Reading and Education	5	5	-
Tobacco and Alcohol	8	8	-
Tobacco	2	2	-
Alcohol	6	6	-

PRODUCT MATCHES AND PRICE QUOTES, by Category
Yellowknife - Edmonton, June 1982

	Product Matches	Price Quotes		
		Total	YK	EDM
All Items	1424	6464	2012	4452
Food	284	2291	488	1803
Food Purchased from Stores	263	2152	412	1740
Food Purchased from Restaurants	21	139	76	63
Housing	317	1375	414	961
Shelter	12	94	43	51
Household Operation	85	626	135	491
Household Furnishings & Equipment	220	655	236	419
Clothing	377	1062	430	632
Women's Wear	135	353	144	209
Girls' Wear	37	89	38	51
Men's Wear	121	330	136	194
Boys' Wear	36	93	36	57
Infants' Wear	12	79	37	42
Clothing Material	36	118	39	79
Transportation	42	181	81	100
Private Transportation	33	163	72	91
Public Transportation	9	18	9	9
Health and Personal Care	83	597	188	409
Health Care	15	107	36	71
Personal Care	68	490	152	338
Recreation, Reading and Education	174	566	212	354
Recreation	168	549	204	345
Reading and Education	6	17	8	9
Tobacco and Alcohol	147	392	199	193
Tobacco	6	73	34	39
Alcohol	141	319	165	154

APPENDIX B

SPATIAL PRICE SURVEY, JUNE 1981

PRICE INDEXES AND WEIGHTS, by Component
Yellowknife, June 1981 (Revised)

	Weight	Index
	(%)	(Edmonton = 100)
All Items	100.0	124.7
Food	24.0	120.3
Food Purchased from Stores	18.4	120.5
Meat, Poultry and Fish	6.5	116.2
Beef	3.5	114.8
Pork	1.2	117.0
Other Meats	0.7	115.1
Poultry	0.7	120.9
Fish	0.4	120.9
Dairy Products and Eggs	3.0	134.3
Dairy Products	2.6	136.4
Eggs	0.4	118.8
Cereal and Bakery Products	2.1	108.6
Cereal Products	0.6	119.8
Bakery Products	1.6	104.7
Fruit and Vegetables	3.0	127.0
Fresh Fruit	0.9	140.0
Processed Fruit	0.5	123.0
Fresh Vegetables	1.1	121.5
Processed Vegetables	0.5	119.5
Fats and Oils	0.4	120.2
Prepared Main Dishes	0.4	113.8
Sugar and Confections	0.6	115.5
Coffee and Tea	0.5	118.2
Other Foods	2.0	119.6
Food Purchased from Restaurants	5.7	119.7
Restaurant Meals	4.5	118.7
All Other Food Away From Home	1.2	123.5

(cont'd.)

PRICE INDEXES AND WEIGHTS, by Component (cont'd.)
Yellowknife, June 1981 (Revised)

	Weight	Index
	(%)	(Edmonton = 100)
Housing	27.9	139.8
Shelter	11.8	123.6
Rented Accommodation	7.2	112.6
Owned Accommodation	4.6	141.0
Household Operation	8.9	175.3
Water, Fuel and Electricity	3.8	246.4
Communications	1.2	121.5
Household Services	1.3	110.9
Pet Care	0.4	130.1
Household Cleaning Supplies	0.9	119.3
Food Wrap	0.9	116.7
Garden Supplies	0.2	237.8
Other Household Supplies	0.2	110.1
Household Furnishings & Equipment	7.2	122.0
Furniture	2.6	136.5
Floor Coverings	0.6	119.2
Major Household Appliances	1.2	107.0
Small Electric Appliances	0.1	116.9
Non-Electric Kitchen Equipment	0.2	109.9
Tableware	0.3	114.2
Household Textiles	0.9	109.5
Tools and Outdoor Equipment	0.5	122.4
Other Household Furnishings	0.7	119.8

(cont'd.)

PRICE INDEXES AND WEIGHTS, by Component (cont'd.)
Yellowknife, June 1981 (Revised)

	Weight	Index
	(%)	(Edmonton = 100)
Clothing	10.0	110.3
Women's Wear	4.3	108.0
Women's Coats	0.8	93.3
Women's Dresses	0.5	104.5
Women's Sportswear	1.1	100.5
Women's Hosiery and Lingerie	0.6	108.5
Women's Accessories	0.7	142.3
Women's Footwear	0.6	100.5
Girls' Wear	0.5	97.0
Girls' Coats	--	93.7
Girls' Dresses	--	83.3
Girls' Sportswear	0.2	90.6
Girls' Hosiery and Lingerie	0.1	110.1
Girls' Footwear	0.1	102.6
Men's Wear	3.5	101.9
Men's Coats	0.5	77.7
Men's Suits	0.6	95.8
Men's Pants	0.6	96.6
Men's Furnishings and Underwear	0.8	112.1
Men's Accessories	0.5	101.4
Men's Footwear	0.5	120.8
Boys' Wear	0.5	106.9
Boys' Coats	0.1	95.3
Boys' Suits and Pants	0.1	104.5
Boys' Furnishings and Underwear	0.1	108.3
Boys' Footwear	0.1	112.8
Infants' Wear	0.2	108.8
Infants' Wear	0.2	108.8
Clothing Material	1.1	152.0
Piece Goods	0.4	131.3
Clothing Services	0.8	162.7

(cont'd.)

PRICE INDEXES AND WEIGHTS, by Component (cont'd.)
Yellowknife, June 1981 (Revised)

	Weight	Index
	(%)	(Edmonton = 100)
Transportation	19.2	119.3
Private Transportation	17.2	113.1
Auto and Truck Purchase	7.9	102.7
Auto and Truck Operation	8.6	123.1
Other Vehicle Purchase	0.1	107.2
Other Vehicle Operation	0.3	100.5
Rented Vehicles	0.2	115.7
Public Transportation	2.1	170.3
Local Transportation	0.6	177.2
Inter-City Transportation	1.5	167.4
Health and Personal Care	4.2	113.8
Health Care	1.9	104.5
Eye Care	0.3	104.5
Dental Care	1.0	95.2
Medical Supplies	0.6	120.9
Personal Care	2.3	121.3
Personal Care Services	1.0	120.1
Personal Care Supplies	1.3	122.7
Personal Care Appliances	0.1	115.2

(cont'd.)

PRICE INDEXES AND WEIGHTS, by Component (cont'd.)
Yellowknife, June 1981 (Revised)

	Weight	Index
	(%)	(Edmonton = 100)
Recreation, Reading and Education	8.6	115.2
Recreation	6.6	114.3
Home Entertainment	1.5	121.6
Admission to Entertainment	0.7	106.3
Home Recreation Equipment	0.8	120.4
Outdoor Equipment	1.0	114.6
Fees for Activities	0.3	151.7
Travel Expenses	2.4	106.3
Reading and Education	2.0	118.2
Reading	0.8	100.0
Education	1.2	130.7
Tobacco and Alcohol	5.9	135.6
Tobacco	1.5	125.3
Cigarettes	1.4	125.7
Cigars	--	110.9
Alcohol	4.5	138.9
Beer-Store	0.8	176.8
Beer-Licenced Premises	0.9	129.1
Liquor-Store	1.3	126.5
Liquor-Licenced Premises	0.8	117.6
Wine-Store	0.5	154.4
Wine-Licenced Premises	0.1	167.9

ITEMS SURVEYED, by Availability of Price Information
Yellowknife - Edmonton, June 1981

	Items Surveyed	Prices Matched	Prices Imputed
All Items	354	308	46
Food	117	104	13
Food Purchased from Stores	109	98	11
Food Purchased from Restaurants	8	6	2
Housing	73	64	9
Shelter	6	6	-
Household Operation	29	27	2
Household Furnishings & Equipment	38	31	7
Clothing	82	62	20
Women's Wear	24	17	7
Girls' Wear	11	8	3
Men's Wear	23	19	4
Boys' Wear	11	6	5
Infants' Wear	4	4	-
Clothing Material	9	8	1
Transportation	18	18	-
Private Transportation	15	15	-
Public Transportation	3	3	-
Health and Personal Care	23	22	1
Health Care	6	6	-
Personal Care	17	16	1
Recreation, Reading and Education	33	30	3
Recreation	27	25	2
Reading and Education	6	5	1
Tobacco and Alcohol	8	8	-
Tobacco	2	2	-
Alcohol	6	6	-

PRODUCT MATCHES AND PRICE QUOTES, by Category
Yellowknife - Edmonton, June 1981

	Product Matches	Price Quotes		
		Total	YK	EDM
All Items	1119	5511	1620	3891
Food	260	2018	475	1543
Food Purchased from Stores	237	1841	382	1459
Food Purchased from Restaurants	23	177	93	84
Housing	246	1036	325	711
Shelter	9	55	20	35
Household Operation	76	516	124	392
Household Furnishings & Equipment	161	465	181	284
Clothing	280	864	294	570
Women's Wear	89	262	96	166
Girls' Wear	19	56	19	37
Men's Wear	101	277	104	173
Boys' Wear	26	57	26	31
Infants' Wear	13	105	15	90
Clothing Material	32	107	34	73
Transportation	39	151	61	90
Private Transportation	30	133	52	81
Public Transportation	9	18	9	9
Health and Personal Care	95	730	178	552
Health Care	18	133	36	97
Personal Care	77	597	142	455
Recreation, Reading and Education	135	497	182	315
Recreation	130	483	177	306
Reading and Education	5	14	5	9
Tobacco and Alcohol	64	215	105	110
Tobacco	6	71	35	36
Alcohol	58	144	70	74

APPENDIX C

SPATIAL PRICE SURVEY, JUNE 1980

PRICE INDEXES AND WEIGHTS, by Component
Yellowknife, June 1980 (Revised)

	Weight	Index
	(%)	(Edmonton = 100)
All Items	100.0	125.3
Food	24.4	121.3
Food Purchased from Stores	18.4	124.0
Meat, Poultry and Fish	6.5	125.1
Beef	3.6	135.5
Pork	1.1	107.6
Other Meats	0.7	109.3
Poultry	0.7	115.9
Fish	0.4	122.2
Dairy Products and Eggs	3.0	133.6
Dairy Products	2.6	135.6
Eggs	0.3	118.5
Cereal and Bakery Products	2.0	115.6
Cereal Products	0.5	114.4
Bakery Products	1.5	116.1
Fruit and Vegetables	2.9	134.4
Fresh Fruit	1.1	125.9
Processed Fruit	0.5	125.9
Fresh Vegetables	0.8	159.7
Processed Vegetables	0.5	119.0
Fats and Oils	0.4	107.7
Prepared Main Dishes	0.4	118.1
Sugar and Confections	0.7	110.4
Coffee and Tea	0.6	112.7
Other Foods	1.9	111.7
Food Purchased from Restaurants	5.9	113.0
Restaurant Meals	4.7	112.5
All Other Food Away From Home	1.2	114.9

(cont'd.)

PRICE INDEXES AND WEIGHTS, by Component (cont'd.)
Yellowknife, June 1980 (Revised)

	Weight	Index
	(%)	(Edmonton = 100)
Housing	28.0	137.8
Shelter	12.1	137.3
Rented Accommodation	7.5	127.3
Owned Accommodation	4.6	153.5
Household Operation	8.5	161.1
Water, Fuel and Electricity	3.1	238.9
Communications	1.4	117.3
Household Services	1.3	117.0
Pet Care	0.4	117.6
Household Cleaning Supplies	0.8	112.7
Food Wrap	0.9	114.5
Garden Supplies	0.2	114.3
Other Household Supplies	0.2	103.8
Household Furnishing	7.4	111.9
Furniture	2.7	110.3
Floor Coverings	0.6	109.0
Major Household Appliances	1.2	109.5
Small Electric Appliances	0.1	108.2
Non-Electric Equipment	0.2	117.7
Tableware	0.3	114.3
Household Textiles	0.9	101.3
Tools and Outdoor Equipment	0.6	103.4
Other Household Furnishings	0.7	143.3

(cont'd.)

PRICE INDEXES AND WEIGHTS, by Component (cont'd.)
Yellowknife, June 1980 (Revised)

	Weight	Index
	(%)	(Edmonton = 100)
Clothing	10.7	114.0
Women's Wear	4.6	114.0
Women's Coats	0.8	125.3
Women's Dresses	0.5	118.0
Women's Sportswear	1.2	114.4
Women's Hosiery and Lingerie	0.7	107.0
Women's Accessories	0.8	111.2
Women's Footwear	0.6	105.3
Girls' Wear	0.5	110.2
Girls' Coats	--	119.8
Girls' Dresses	--	115.9
Girls' Sportswear	0.2	108.1
Girls' Hosiery and Lingerie	0.1	109.3
Girls' Footwear	0.2	109.7
Men's Wear	3.7	107.3
Men's Coats	0.5	102.9
Men's Suits	0.7	108.0
Men's Pants	0.6	109.9
Men's Furnishings and Underwear	0.9	100.8
Men's Accessories	0.5	106.1
Men's Footwear	0.5	119.1
Boys' Wear	0.5	105.1
Boys' Coats	0.1	118.0
Boys' Suits and Pants	0.1	107.7
Boys' Furnishings and Underwear	0.2	101.6
Boys' Footwear	0.1	100.9
Infants' Wear	0.2	104.6
Infants' Wear	0.2	104.6
Clothing Material	1.2	140.4
Piece Goods	0.4	123.8
Clothing Services	0.8	149.0

(cont'd.)

PRICE INDEXES AND WEIGHTS, by Component (cont'd.)
Yellowknife, June 1980 (Revised)

	Weight	Index
	(%)	(Edmonton = 100)
Transportation	18.8	123.4
Private Transportation	16.6	117.2
Auto and Truck Purchase	8.1	101.2
Auto and Truck Operation	7.9	133.5
Other Vehicle Purchase	0.1	102.2
Other Vehicle Operation	0.3	118.7
Rented Vehicles	0.2	123.1
Public Transportation	2.2	171.7
Local Transportation	0.7	182.3
Inter-City Transportation	1.5	167.0
Health and Personal Care	4.3	115.7
Health Care	2.0	112.5
Eye Care	0.3	102.0
Dental Care	1.1	115.2
Medical Supplies	0.6	112.9
Personal Care	2.3	118.4
Personal Care Services	1.0	114.8
Personal Care Supplies	1.3	121.1
Personal Care Appliances	0.1	120.4

(cont'd.)

PRICE INDEXES AND WEIGHTS, by Component (cont'd.)
Yellowknife, June 1980 (Revised)

	Weight	Index
	(%)	(Edmonton = 100)
Recreation, Reading and Education	7.8	113.9
Recreation	7.0	115.6
Home Entertainment	1.6	119.6
Admission to Entertainment	0.8	90.3
Home Recreation Equipment	0.8	118.7
Outdoor Equipment	1.0	128.3
Fees for Activities	0.3	159.8
Travel Expenses	2.4	109.4
Reading and Education	0.8	100.0
Reading	0.8	100.0
Tobacco and Alcohol	6.2	131.6
Tobacco	1.5	142.3
Cigarettes	1.5	143.4
Cigars	--	106.2
Alcohol	4.7	128.2
Beer-Store	0.9	151.1
Beer-Licensed Premises	0.9	107.8
Liquor-Store	1.5	125.2
Liquor-Licensed Premises	0.8	106.0
Wine-Store	0.6	158.2

ITEMS SURVEYED, by Availability of Price Information
Yellowknife - Edmonton, June 1980

	Items Surveyed	Prices Matched	Prices Imputed
All Items	341	290	51
Food	109	105	4
Food Purchased from Stores	102	100	2
Food Purchased from Restaurants	7	5	2
Housing	70	61	9
Shelter	6	6	-
Household Operation	27	23	4
Houehold Furnishings & Equipment	37	32	5
Clothing	83	54	29
Women's Wear	25	13	12
Girls' Wear	11	4	7
Men's Wear	24	21	3
Boys' Wear	11	6	5
Infants' Wear	3	3	-
Clothing Material	9	7	2
Transportation	18	16	2
Private Transportation	15	13	2
Public Transportation	3	3	-
Health and Personal Care	23	23	-
Health Care	6	6	-
Personal Care	17	17	-
Recreation, Reading and Education	31	24	7
Recreation	27	20	7
Reading and Education	4	4	-
Tobacco and Alcohol	7	7	-
Tobacco	2	2	-
Alcohol	5	5	-

PRODUCT MATCHES AND PRICE QUOTES, by Category
Yellowknife - Edmonton, June 1980

	Product Matches	Price Quotes		
		Total	YK	EDM
All Items	663	3842	1102	2740
Food	258	2079	475	1604
Food Purchased from Stores	238	1909	397	1512
Food Purchased from Restaurants	20	170	78	92
Housing	131	183	393	576
Shelter	8	51	24	27
Household Operation	55	343	79	264
Household Furnishing	68	182	80	102
Clothing	123	363	147	216
Women's Wear	44	118	49	69
Girls' Wear	9	27	9	18
Men's Wear	49	136	64	72
Boys' Wear	8	23	8	15
Infants' Wear	5	18	5	13
Clothing Material	8	41	12	29
Transportation	31	130	49	81
Private Transportation	23	114	41	73
Public Transportation	8	16	8	8
Health and Personal Care	53	394	115	279
Health Care	10	91	26	65
Personal Care	43	303	89	214
Recreation, Reading and Education	58	239	100	139
Recreation	53	206	82	124
Reading and Education	5	33	18	15
Tobacco and Alcohol	9	61	33	28
Tobacco	4	31	18	13
Alcohol	5	30	15	15

APPENDIX D

METHODOLOGY

4. Calculation of Indexes

Price indexes were calculated based on item level price information. Where item prices were for a single brand, or for a homogeneous product, the average price for that item in Yellowknife was divided by the corresponding average price in Edmonton to obtain a price ratio, referred to as a price relative. Where more than one brand of an item was priced, price ratios were calculated for each brand and then averaged to obtain the price relative for that item. Item level price relatives were then combined according to item expenditure weights to determine price indexes for the various commodity groupings presented in the report.

To illustrate this procedure, consider the fruit and vegetables component of the food purchased from stores category. Its price index and those of its components, along with expenditure weights, are presented in the following table:

FRUIT AND VEGETABLES PRICE INDEXES, by Component
Yellowknife, June 1982

	Weight	Price Index
	(%)	(Edmonton = 100)
Fruit and Vegetables	2.98	125.91
Fresh Fruit	0.94	124.50
Processed Fruit	0.55	121.17
Fresh Vegetables	1.01	128.88
Processed Vegetables	0.48	127.88

The fruit and vegetables index is a weighted average of its sub-indexes, calculated as follows:

$$\frac{0.94}{2.98} \times 124.50 + \frac{0.55}{2.98} \times 121.17 + \frac{1.01}{2.98} \times 128.88 + \frac{0.48}{2.98} \times 127.88$$

$$= 39.27 + 22.36 + 43.68 + 20.60$$

$$= 125.91$$

In turn, the subindexes of the fruit and vegetables category are weighted averages of price relatives at the item level. As an example, consider the fresh fruit index calculation. The required data are provided in the following table:

FRESH FRUIT PRICE INDEXES, by Item
Yellowknife, June 1982

	Weight	Price Index
	(%)	(Edmonton = 100)
Fresh Fruit	0.942	124.50
Apples	0.301	113.73
Bananas	0.240	133.99
Grapefruit	0.036	149.55
Oranges	0.213	125.12
Pears	0.083	127.75
Lemons	0.069	119.47

The fresh fruit index is calculated as follows:

$$\frac{0.301}{0.942} \times 113.73 + \frac{0.240}{0.942} \times 133.99 + \frac{0.036}{0.942} \times 149.55$$

$$+ \frac{0.213}{0.942} \times 125.12 + \frac{0.083}{0.942} \times 127.75 + \frac{0.069}{0.942} \times 119.47$$

$$= 36.34 + 34.14 + 5.72 + 28.29 + 11.26 + 8.75$$

$$= 124.50$$

5. Pricing Procedures

Food Purchased from Stores:

All items were priced in major food outlets in Yellowknife and Edmonton. Regular retail, and sale prices where found, were used. Convenience and low volume establishments were excluded from the survey.

Food Purchased from Restaurants:

Price comparisons refer to a selection of single item orders sold in family restaurants and to take-out items.

Shelter:

Rental values were based on monthly market rents in each city for two bedroom apartments possessing comparable physical attributes and amenities. Property taxes were compared using mill rates: assessment procedures for Edmonton and Yellowknife are based on similar standards. Mortgage interest and depreciation were not included in the survey as appropriate price comparison methods have not been developed for these items.

Household Operation:

Price indexes for water, fuel and electricity are based upon Edmonton consumption patterns. The procedure for calculating prices was as follows:

(i) average consumption by month was determined for Edmonton during 1981;
(ii) rate structures for June 1982 were applied to determine an average bill for Yellowknife and Edmonton for each month;
(iii) monthly bills were then summed to yield a yearly total bill for each center;
(iv) yearly total bills were then divided by consumption to determine a unit price.

Prices for water and electricity refer to unit costs in both centers based on Edmonton consumption patterns. For fuel, prices refer to fuel oil in Yellowknife and to the unit cost of gas in Edmonton, equated by BTU content.

Prices for long distance phone calls are based on the average cost of a three minute evening call to selected Canadian cities.

Clothing:

Identical matches and associated price quotes were relatively low for this component, with the prices for 15 of the 81 items in this category imputed for June 1982. The reader is therefore cautioned regarding price comparisons for clothing other than at the total index level.

Private Transportation:

Prices of automobiles, motorcycles, and trucks refer to the suggested retail price. Automobile and truck operation incorporates retail prices for goods and services required in the operation of these vehicles. Price quotes were obtained from gas stations, hardware stores and retail automotive suppliers.

Public Transportation:

Prices for taxi service were based on the first mile travelled, while prices for bus travel included fares for adults and children. The price of inter-city transportation refers to total airfare for a fixed set of destinations. Destinations selected were based upon frequency of travel from Edmonton.

Health Care:

Prices for similar services by health professionals were determined in both cities. Prices for medical supplies refer to retail prices for prescribed and non-prescribed medicines purchased in drug and department stores.

Personal Care:

Comparable personal care services, including hairstyling and hair care were priced. Personal care supplies and appliances were priced in drug, hardware, grocery and department stores.

Recreation:

Identical stereo and television equipment, accessories and servicing were priced in specialty and department stores. Home recreation and outdoor equipment involved comparisons of a selection of items representative of these classifications.

Prices for hotel and motel accommodation were assumed equal since persons do not generally purchase these services in their own city. Prices for packaged holiday trips refer to the average price for selected holiday destinations weighted by frequency of travel from Edmonton. These packages include airfare and accommodation for one week.

Reading and Education:

Price comparisons refer to paperback novels, newspapers and magazines available in a variety of retail establishments.

Tobacco Products:

Prices were collected from drug, grocery and department stores for popular brands of cigarettes and cigars.

Alcohol Beverages:

Prices refer to list prices for wine, beer and liquor sold in stores and in licensed premises.

6. Price Imputation

Where identical products were not available for pricing, item level price relatives were estimated from groups of similar items. Groupings were based on factors such as product similarity, perishability, storage requirements, sales volume and transportation costs. Statistics on estimated or imputed prices are provided in Appendixes A, B and C.

APPENDIX E

ITEMS SURVEYED
JUNE 1982

ITEMS SURVEYED

FOOD ITEMS

FOOD PURCHASED FROM STORES:

Meat, Poultry and Fish

Beef Loin Cuts
Beef Hip Cuts
Beef Rib Cuts
Beef Shoulder Cuts
Stewing Beef
Ground Beef
Beef Sausage

Bacon
Smoked Ham
Pork Loin Cuts
Pork Shoulder Cuts
Pork Sausage
Spareribs

Veal
Lamb
Liver
Weiners
Canned Meats
Luncheon Meats

Chicken
Turkey
Frozen Fish
Canned Salmon
Canned Tuna
Canned Seafood

Dairy Products and Eggs

Fluid Whole Milk
Low Fat Milk
Butter
Cheddar Cheese
Processed Cheese

Evaporated Milk
Ice Cream
Sour Cream
Cottage Cheese

Large Eggs

Cereal and Bakery Products

Rice
Flour
Pasta Products
Breakfast Cereals
Cake Mixes

Bread
Crackers
Doughnuts
Rolls, buns, muffins

Fruit and Vegetables

Apples
Bananas
Grapefruit
Oranges
Pears
Lemons

Canned Apple Juice
Canned Orange Juice
Canned Peaches
Canned Pears
Canned Fruit Cocktail
Canned Pineapple
Frozen Strawberries
Raisins

Cabbage
Carrots
Celery
Green Peppers
Cucumbers
Lettuce
Onions
Potatoes
Tomatoes
Turnips

Frozen Green Beans
Frozen Corn
Frozen Peas
Frozen French Fries
Canned Baked Beans
Canned Waxed Beans
Canned Corn
Canned Peas
Canned Tomatoes
Canned Tomato Juice

Fats and Oils

Margarine
Shortening
Salad Oil
Salad Dressing

Prepared Main Dishes

Meat Dinners
Pasta Based Dishes
Frozen Meat/Poultry Pies
Carry Out Foods

Sugar and Confections

Sugar
Confections

Coffee and Tea

Regular Coffee
Instant Coffee
Tea Bags

Other Foods

Pickles
Catsup and Sauces
Honey and Syrup
Jam
Seasonings
Canned Soup

Baby Food
Peanut Butter
Dessert Powder
Fruit Drink Crystals
Snack Food
Soft Drinks

FOOD PURCHASED FROM RESTAURANTS:

Breakfast
Lunch
Dinner

Snacks
Take-out orders

HOUSING ITEMS

SHELTER:

Rented Accommodation

- Rent
- Tenants' Repairs
- Tenants' Insurance

Owned Accommodation

- Property Taxes
- Homeowners' Insurance
- Homeowners' Repairs

HOUSEHOLD OPERATION:

Water, Fuel and Electricity

- Water
- Fuel Oil and Gas
- Electricity

Communications

- Local Telephone
- Long Distance Telephone
- Postage

Household Services

- Day Care
- Domestic Help
- Babysitting
- Lawyers' Fees

Pet Care

- Pet Food
- Veterinary Services

Household Cleaning Supplies

- Detergent Powder
- Liquid Detergent
- Laundry Bleach
- Fabric Softener
- Floor and Furniture Wax
- Scouring Powder

Paper and Plastic Products

- Facial Tissue
- Toilet Paper
- Kitchen Paper Products
- Plastic Garbage Bags
- Plastic Food Wrap
- Foil Wrap
- Paper Towels

Garden Supplies

- Nursery Stock
- Flowers

Other Household Supplies

- Light Bulbs
- Dry Cell Batteries

HOUSEHOLD FURNISHINGS AND EQUIPMENT:

Furniture

- Bedroom Suites
- Living Room Tables
- Dining Room Sets
- Dinette Suites
- Sofas
- Dual Purpose Sofas
- Mattresses

Floor Coverings

- Carpeting
- Linoleum

Tablewear

- Flatwear
- Dinnerwear

Household Textiles

- Bed Sheets
- Blankets
- Towels
- Ready Made Drapes/Curtains
- Yard Goods

Other Household Furnishings

- Refuse Containers
- Calculators

Major Household Appliances

- Vacuum Cleaners
- Dishwashers
- Refrigerators
- Ranges
- Washers
- Dryers
- Sewing Machines

Small Electrical Appliances

- Fry Pans
- Food Mixers
- Irons

Non-electric Kitchen Equipment

- Metal Cookware
- Glass Cookware

Tools and Outdoor Equipment

- Power Lawn Mowers
- Garden Tools
- Power Tools
- Household Tools

Service Repairs

- Repairs

CLOTHING ITEMS

WOMEN'S WEAR:

Women's Coats

- Leather Coats
- All Weather Coats
- Jackets and Blazers

Women's Sportswear

- Pants
- Skirts
- Sweaters
- Blouses
- Bathing Suits

Women's Accessories

- Gloves
- Handbags
- Jewelry

Women's Dresses

- Dresses
- Pantsuits

Hosiery and Lingerie

- Panty Hose
- Slips
- Briefs
- Nightgowns
- Robes
- Brassieres

Women's Footwear

- Dress Shoes
- Casual Shoes
- Sports Shoes

GIRLS' WEAR:

Girls' Coats

- Cloth Coats
- All Weather Coats

Girls' Sportswear

- Pants
- Sweaters
- Jackets

Girls' Footwear

- Street Shoes
- Athletic Shoes

Girls' Dresses

- Dresses

Hosiery and Lingerie

- Socks
- Underwear
- Pyjamas

MEN'S WEAR:

Men's Coats

- Overcoats
- Parkas
- Light Jackets

Men's Suits

- Wool Suits
- Sport Jackets

Men's Pants

- Dress Pants
- Casual Pants
- Jeans

Furnishings and Underwear

- Dress Shirts
- Sports Shirts
- Sweaters
- Sport Socks
- Underwear
- Pyjamas
- Bathing Suits

Men's Accessories

- Gloves
- Belts and Wallets
- Watches

Men's Footwear

- Hiking Boots
- Casual Shoes
- Athletic Shoes
- Dress Shoes

BOYS' WEAR:

Boys' Coats

- Ski Jackets
- Lighweight Jackets

Suits and Pants

- Sports Jackets
- Pants
- Jeans

Furnishings and Underwear

- Woven Sports Shirts
- Knitted Sports Shirts
- Underwear

Boys' Footwear

- Casual Shoes
- Athletic Shoes
- Snowboots/Winter Boots

INFANTS' WEAR:

- Cloth Diapers
- Disposable Diapers
- Sleepers
- Overalls

CLOTHING MATERIAL:

Cotton Print Material
Gabardine Material
Linings
Notions
Yarn

CLOTHING SERVICES:

Laundry Sent Out
Dry Cleaning
Coin Laundry
Shoe Repair

TRANSPORTATION ITEMS

PRIVATE TRANSPORTATION:

Auto and Truck Purchase

Automobiles
Trucks

Other Vehicle Purchase

Motorcycles

Auto and Truck Operation

Gasoline
Tires
Batteries
Maintenance and Repairs
Repair Parts
Insurance
Registration Fees
Parking

Other Vehicle Operation

Mixed Gas

Rented Vehicles

Car Rental

PUBLIC TRANSPORTATION:

Bus Fares
Taxi Service
Air Fares

HEALTH & PERSONAL CARE ITEMS

HEALTH CARE:

Eye Glasses
Dental Work
Denture Work
Prescribed Medicine
Non-prescribed Medicine
Medical Supplies

PERSONAL CARE:

Men's Hairstyling
Women's Hairstyling
Hair Preparation
Shampoos
Home Permanents and Colour
Hair Dryers
Curling Irons
Colognes
Cosmetics
Lotions
Toothpaste
Deodorants
Shaving Cream
Soap
Razor Blades
Toothbrushes
Sanitary Supplies

RECREATION, READING & EDUCATION ITEMS

RECREATION:

Home Entertainment

- Stereo Components
- Colour Televisions
- Phonograph Records
- TV Repairs
- Cablevision

Home Recreation Equipment

- Toys
- Games
- Cameras
- Films

Admission to Entertainment

- Movie Admissions

Fees for Activities

- Bowling
- Skating Admission

Outdoor Equipment

- Bicycles
- Camping Equipment
- Skis
- Tennis Racquets
- Fishing Rods and Reels
- Boats
- Outboard Motors

Travel Expenses

- Hotels
- Motels
- Travel Trailers
- Package Trips
- Other Expenses

READING:

- Newspapers
- Magazines
- Paperbacks

EDUCATION:

- Tuition Fees
- Music Lessons

TOBACCO AND ALCOHOL ITEMS

TOBACCO:

Cigarettes

Cigars

ALCOHOL:

Beer from Stores
Wine from Stores
Liquor from Stores

Beer from Licenced Premises
Wine from Licenced Premises
Liquor from Licenced Premises